

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A dishwasher, comprising:
 - a housing;
 - a tub provided in the housing;
 - an injector assembly configured to inject water onto tableware positioned in the tub; and
 - an inlet valve assembly, comprising:
 - a case provided at an inlet supply passage that supplies water to the tub, wherein the case comprises an inlet opening through which water flows into the case, and an outlet opening through which water is discharged from the case;
 - a first valve provided in the case and configured to selectively open and close a passage formed in the case; and
 - a second valve provided in the case and configured to close the passage when a leak is detected, wherein the second valve comprises:
 - a diaphragm installed at the passage; and
 - a pressing mechanism that selectively presses on the diaphragm to close the passage, wherein the pressing mechanism comprises:

a float configured to float on accumulated water in the housing; and

a plunger separate from the float and configured to press on the diaphragm when the float floats to a predetermined height on the accumulated water.

2. (Previously Presented) The dishwasher as claimed in claim 1, wherein the case is provided at a lower portion of a rear panel of the housing.

3. (Previously Presented) The dishwasher as claimed in claim 1, wherein the first valve is configured to selectively open and close the inlet opening in the case.

4. (Previously Presented) The dishwasher as claimed in claim 1, wherein the second valve is configured to close the outlet opening in the case.

5. (Previously Presented) The dishwasher as claimed in claim 1, wherein the second valve is configured to close the passage based on an amount of water accumulated on a base panel of the housing.

6 - 7. (Cancelled)

8. (Currently Amended) The dishwasher as claimed in claim 71, wherein the plunger presses on or does not press on the diaphragm based on a distance between the plunger and an end of an arm coupled to the float.

9. (Currently Amended) The dishwasher as claimed in claim 71, the pressing mechanism further comprising a magnet attached to an end of an arm coupled to the float, wherein the magnet is configured to detachably engage with the plunger based on a distance between the magnet and the plunger.

10. (Currently Amended) The dishwasher as claimed in claim 71, further comprising a guide provided on a base panel of the housing and configured to guide movement of the float.

11. (Currently Amended) The dishwasher as claimed in claim 71, wherein the case comprises a holder configured to guide a movement of the float.

12. (Previously Presented) The dishwasher as claimed in claim 9, the float comprising:

a body configured to float on accumulated water in the housing; and
an extension member extending from the body and into the case, to a position adjacent to the plunger in the case.

13. (Original) The dishwasher as claimed in claim 12, wherein the body is formed of Styrofoam.

14. (Previously Presented) The dishwasher as claimed in claim 12, wherein the extension member comprises a rod extending from the body and an arm extending from the rod to a position adjacent to the plunger.

15. (Previously Presented) The dishwasher as claimed in claim 14, wherein the arm is movably coupled to the rod.

16. (Previously Presented) The dishwasher as claimed in claim 12, wherein the magnet is provided on the extension member, in a position proximate to the plunger.

17. (Previously Presented) The dishwasher as claimed in claim 14, wherein the magnet is provided on the arm.

18. (Previously Presented) The dishwasher as claimed in claim 14, wherein the rod comprises at least one step configured to support the arm.

19. (Previously Presented) The dishwasher as claimed in claim 14, wherein the rod comprises a plurality of steps to selectively couple the arm to corresponding predetermined portions of the rod.

20. (Currently Amended) An inlet valve assembly, comprising:

a case provided at an inlet passage configured to supply water, wherein the case comprises an inlet through which water flows in and an outlet through which water is discharged;

a first valve provided within the case and configured to selectively open and close a passage formed in the case; and

a second valve configured to close the passage when a leak is detected, wherein the second valve comprises:

a diaphragm installed at the passage; and

a pressing mechanism configured to press on the diaphragm to close the passage, wherein the pressing mechanism comprises:

a float configured to float on water accumulated from a leak; and

a plunger separate from the float and configured to press on the diaphragm when the float rises to a predetermined height on the accumulated water.

21. (Previously Presented) The inlet valve assembly as claimed in claim 20, wherein the case is installed at a lower portion of a rear panel of a housing of a home appliance.

22. (Previously Presented) The inlet valve assembly as claimed in claim 20, wherein the first valve is configured to selectively open and close the inlet.

23. (Previously Presented) The inlet valve assembly as claimed in claim 20, wherein the second valve is configured to close the outlet.

24. (Previously Presented) The inlet valve assembly as claimed in claim 20, wherein the second valve is configured to close the passage based on a level of water accumulated on a base panel of a housing of a home appliance.

25 – 26. (Cancelled)

27. (Currently Amended) The inlet valve assembly as claimed in claim 2620, wherein the plunger is configured to press on or not press on the diaphragm based on a distance between the plunger and an arm extending from the float.

28. (Currently Amended) The inlet valve assembly as claimed in claim 2620, the pressing mechanism further comprising a magnet mounted on an arm extending from the float and configured to detachably engage the plunger based on a distance between the magnet and the plunger.

29. (Currently Amended) The inlet valve assembly as claimed in claim 2620, further comprising a guide provided on a base panel of a housing of a home appliance and configured to guide the float.

30. (Currently Amended) The inlet valve assembly as claimed in claim 2620, wherein the case comprises a holder configured to guide a movement of the float.

31. (Previously Presented) The inlet valve assembly as claimed in claim 27, the float comprising:

a body configured to float on the accumulated water; and
an extension member extending from the body to a position adjacent to the plunger in the case.

32. (Original) The inlet valve assembly as claimed in claim 31, wherein the body is formed of Styrofoam.

33. (Previously Presented) The inlet valve assembly as claimed in claim 31, wherein the extension member comprises a rod extending from the body and an arm extending from the rod to a position adjacent to the plunger.

34. (Previously Presented) The inlet valve assembly as claimed in claim 33, wherein the arm is movably coupled to the rod.

35. (Previously Presented) The inlet valve assembly as claimed in claim 31, wherein the magnet is provided on the extension member in a position proximate to the plunger.

36. (Previously Presented) The inlet valve assembly as claimed in claim 33, wherein the magnet is provided on the arm.

37. (Previously Presented) The inlet valve assembly as claimed in claim 33, wherein the rod comprises at least one step configured to support the arm.

38. (Previously Presented) The inlet valve assembly as claimed in claim 33, wherein the rod comprises a plurality of steps configured to selectively couple the arm to corresponding predetermined portions of the rod.

39. (Currently Amended) A dishwasher, comprising:

- a housing;
- a tub provided in the housing;
- a nozzle assembly configured to direct washing fluid onto items in the tub; and
- a valve assembly configured to control a flow of washing fluid into the tub, the valve assembly comprising:
 - a case having an inlet through which washing fluid is introduced into the case, and an outlet through which water is discharged from the case;
 - a passage extending between the inlet and the outlet;
 - a first valve configured to selectively open and close the inlet formed in the case; and
 - a second valve configured to selectively open and close the outlet formed in the case based on an amount of water accumulated in the housing comprises:
 - a diaphragm installed in the passage; and
 - a pressing mechanism, comprising:
 - a float configured to float on water accumulated on a base panel of the housing, the float having an extension member that extends to a position adjacent the second valve; and

a plunger configured to press on the diaphragm when the float floats on the accumulated water, wherein the plunger is configured to press on or not press on the diaphragm based on a distance between the plunger and the extension member of the float.

40. (Cancelled)

41. (Currently Amended) The dishwasher of claim 4039, wherein the extension member of the float comprises:

a rod extending from the body; and
an arm movably coupled to the rod and extending from the rod to a position adjacent to the plunger.

42. (Previously Presented) The dishwasher of claim 41, wherein a magnet is mounted on an end of the arm such that it is positioned adjacent the plunger.

43. (Previously Presented) The dishwasher of claim 42, wherein when the level of accumulated water is low, the magnet is positioned close to the plunger and an attractive force of the magnet holds the plunger in a position where it does not press on the diaphragm, thus keeping the second valve open.

44. (Previously Presented) The dishwasher of claim 43, wherein if the amount of accumulated water is great, the magnet moves away from the plunger, thereby releasing the plunger such that the plunger presses on the diaphragm, thereby closing the second valve.